PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 07913-010WO1		FOR FURTHER ACTION See Notification of Transmittal of International Search (Rorm PCT/ISA/220) as well as, where applicable, in		ration of Transmittal of International Search Reputi T/ISA/220) as well as, where applicable, item 5					
International	application No.	International filing date (day/mor	below.	(Earliest) Priority Date (day/month/year)					
PCT/US03/0		20 March 2003 (20.03.2003)							
Applicant									
BRIGHAM YOUNG UNIVERSITY									
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.									
This international search report consists of a total of sheets.									
It is also accompanied by a copy of each prior art document cited in this report.									
Basis of the Report a. With regard to the language, the international search was carried out on the basis of the international application in the									
language in which it was filed, unless otherwise indicated under this item.									
the international search was carried out on the basis of a translation of the international application furnished to this									
Authority (Rule 23.1(b)). b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:									
	contained in the international application in written form.								
	filed together with the international application in computer readable form.								
	furnished subsequently to this Authority in written form.								
	furnished subsequently to this Authority in computer readable form.								
	the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the								
	international application as filed has been furnished.								
	the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.								
2.	Certain claims were four	d unsearchable (See Box I).							
3.	3. Unity of invention is lacking (See Box II).								
4. With re	egard to the title,								
	the text is approved as sub	omitted by the applicant.							
	the text has been establish	ed by this Authority to read as foll	ows:						
·									
5. With re	egard to the abstract,								
	the text is approved as sub	• • • • • • • • • • • • • • • • • • • •		:					
	the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applican may, within one month from the date of mailing of this international search report, submit comments to this Authority.								
6. The figure of the drawings to be published with the abstract is Figure No.									
	as suggested by the applic	ant.		None of the figures					
	because the applicant faile	ed to suggest a figure.							
	because this figure better	characterizes the invention.							
Form PCT/ISA/210 (first sheet) (July 1998)									

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/08530

Minimum documentation searched (classification system followed by classification symbols) U.S.: 356/1.11, 55.2, 124 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched letters are included in the fields searched with the search of the continuation of the extent that such documents are included in the fields searched letters are listed during the international search (name of data base and, where practicable, search terms used) CAS ONLINE C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. 1-13, 24 Y. U.S. 5,936,076 (HIGA et al) 10 August 1999 (10.08.1999), entire document 1-13, 24 U.S. 6,071,884 (KOEZUKA et al) 6 June 2000 (06.06.2000) entire document *** document defining the general state of the art which is not considered to be of particular relevance *** document defining the general state of the art which is not considered to be of particular relevance *** document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another cluston or other special cases (see specifics) *** document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another cluston or other special cases (see specifies) *** document referring to an oral disclosure, use, established or other special cases (see specifies) *** document referring to an oral disclosure, use, established or other special reason (see specifies) *** document referring to an oral disclosure, use, established or other special cases (see specifies) *** document referring to an oral disclosure, use, established or other special cases (see specifies) *** document referring to an oral disclosure, use, established or other special cases (see specifies) *** document referring to an oral disclosure, use, established or other special cases (see specifies) *** document which m	A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : C07H 7/00; C07H 15/00 US CL : 536/1.11, 4.1, 17.9, 55.2, 124, 127; 514/25 According to International Patent Classification (IPC) or to both national classification and IPC							
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Y US 5,936,076 (HIGA et al) 10 August 1999 (10.08.1999), entire document 1-13, 24 Y US 6,071,884 (KOEZUKA et al) 6 June 2000 (06.06.2000) entire document 1-13, 24 1-13, 24 Les document defairs the general state of the art which is not considered to be of particular relevance, the claimed invention cannot be constabilitable publication due of another cliation or other means (as specified) 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	U.S.: 536/1.11, 55.2, 124							
C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Y	Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched							
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Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filling date but later than the priority date claimed Date of the actual completion of the international search O7 July 2003 (07.07.2003) Name and mailing address of the ISA/US Mail Stop PCT. Atm: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230	Y		1-13, 24					
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search O7 July 2003 (07.07.2003) Name and mailing address of the ISA/US Mail Stop PCT. Atm: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230	Furthe	r documents are listed in the continuation of Box C.	See patent family annex.					
priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search OJ July 2003 (07.07.2003) Name and mailing address of the ISA/US Mail Stop PCT. Atm: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230		he international filing date or						
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